

NOTICE OF DRAFTSPERSON'S  
PATENT DRAWING REVIEWThe drawing(s) filed (insert date) 11-17-91 are:

A.  approved by the Draftsperson under 37 CFR 1.84 or 1.152.  
 B.  objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings: Black ink. Color. _____ Color drawings are not acceptable until patent is granted. Fig(s) _____ Pencil and non black ink not permitted. Fig(s) _____	2. PHOTOGRAPHS. 37 CFR 1.84 (b): Full-tone set is required. Fig(s) _____ Photographs not properly mounted (must use bristol board or photographic double-weight paper). Fig(s) _____ Poor quality (half-tone). Fig(s) <u>2</u>	3. TYPE OF PAPER. 37 CFR 1.84(e): Paper not flexible, strong, white, and durable. Fig(s) _____ Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) _____ Mylar, vellum paper is not acceptable (too thin). Fig(s) _____	4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes: 21.0 cm by 29.7 cm (DIN size A4) 21.6 cm by 27.9 cm (8 1/2 x 11 inches) All drawing sheets not the same size Sheet(s) _____ Drawings sheets not an acceptable size. Fig(s) _____	5. MARGINS. 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm Left 2.5cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom: 1.0 cm SIZE: 8 1/2 x 11 Margins not acceptable. Fig(s) <u>1-5</u> Top (T) <u>1-5</u> Left (L) _____ Right (R) _____ Bottom (B) _____	6. VIEWS. 37 CFR 1.84(h): REMINDER: Specification may require revision to correspond to drawing changes. Partial views. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig(s) _____ Views not labeled separately or properly. Fig(s) _____ Enlarged view not labeled separately or properly. Fig(s) _____	7. SECTIONAL VIEWS. 37 CFR 1.84 (h)(3): Hatching not indicated for sectional portions of an object. Fig(s) _____ Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____	8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i): Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____	9. SCALE. 37 CFR 1.84(k): Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) _____	10. CHARACTERS OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(l): Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) <u>1-5</u>	11. SHADING. 37 CFR 1.84(m): Solid black areas pale. Fig(s) _____ Solid black shading not permitted. Fig(s) _____ Shade lines, pale, rough and blurred. Fig(s) _____	12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(p): Numbers and reference characters not plain and legible. Fig(s) <u>1-5</u> Figure legends are poor. Fig(s) <u>1-5</u> Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s) _____ English alphabet not used. 37 CFR 1.84(p)(2) Fig(s) _____ Numbers, letters and reference characters must be at least .32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3) Fig(s) _____	13. LEAD LINES. 37 CFR 1.84(q): Lead lines cross each other. Fig(s) _____ Lead lines missing. Fig(s) _____	14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(r): Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) _____	15. NUMBERING OF VIEWS. 37 CFR 1.84(ii): Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____	16. CORRECTIONS. 37 CFR 1.84(w): Corrections not made from prior PTO-948 dated _____	17. DESIGN DRAWINGS. 37 CFR 1.152: Surface shading shown not appropriate. Fig(s) _____ Solid black shading not used for color contrast. Fig(s) _____
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## COMMENTS

REVIEWER Jc DATE 12-28-91 TELEPHONE NO. 703 305 8430ATTACHMENT TO PAPER NO. 3.

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## INFORMATION ON HOW TO EFFECT DRAWING CORRECTION

### 1. Correction of Informalities-37 CFR 1.85

File new drawings with the changes incorporated therein. The applicant may make corrections of the informalities, and file an "Amendment" (37 CFR 1.84) and attach the corrected drawings to the Amendment. It is possible to match the drawings to the proper application by including the serial number of the application in the drawings in accordance with 37 CFR 1.84(c). Application of the drawing correction fee is not required if the fee for a Patent Application (PTO), may be waived if the drawings are submitted in accordance with 37 CFR 1.15(c). The drawing file is to be filed as a separate document and must be submitted to the Drawing Processing Branch.

### 2. Filing for Correction

The applicant is required to submit acceptable corrected drawings to the Drawing Processing Branch in accordance with the Standards of Acceptability (37 CFR 1.87) and the filing fee for a Patent Application (PTO) or a drawing fee for a drawing correction fee. The drawing correction fee is not required if the applicant is waiving the filing fee for a Patent Application. The applicant should file corrected drawings as soon as possible.

Failure to file corrected drawings within the time limit will result in the rejection of the application.

### 3. Drawings other than Informalities (37 CFR 1.85)

The applicant is required to file a "Request for Drawing Correction" (37 CFR 1.85) and attach the corrected drawings before the application is rejected. The drawing correction fee is not required if the applicant is waiving the filing fee for a Patent Application (PTO).

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